

1FW  
PATENT

Atty. Docket No. 8021-185 (SS-19160-US)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Sung-Ho CHOI EXAMINER: Pho M. Luu  
SERIAL NO.: 10/735,947 GROUP ART UNIT: 2824  
FILED: December 15, 2003 DATED: March 16, 2005  
FOR: SEMICONDUCTOR MEMORY DEVICE FOR IMPROVING  
REDUNDANCY EFFICIENCY

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art.

---

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 16, 2005.

Dated: March 16, 2005

  
Michael F. Morano

The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

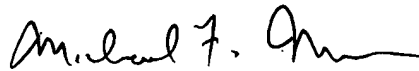
The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

- ☐ This information disclosure statement is being filed within three (3) months of the filing date of this application.
- ☐ This information disclosure statement is being filed concurrently with the Request for Continued Examination (RCE) attached herewith
- ☐ This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application.
- ☐ To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- ☒ Statement under 37 C.F.R. § 1.97(e):  
I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this statement.
- ☐ Enclosed herewith is a petition under 37 C.F.R. §1.97(d)(ii).
  - ☐ Enclosed by check is the petition fee of \$130.00. 37 C.F.R. §1.17(i)(1))
- ☐ Please charge the \$130.00 petition fee to Deposit Account No. 50-0679.

- ☐ Enclosed by check is the \$180.00 fee required by 37 C.F.R. §1.17(p).
- ☐ Please charge the \$180.00 fee required by 37 C.F.R. §1.17(p) to a Credit Card. Form PTO-2038 is enclosed.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 50-0679. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. §1.17(i)(i) are required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,



Michael F. Morano  
Reg. No. 44,952  
Attorney for Applicant(s)

F. CHAU & ASSOCIATES, LLC  
130 Woodbury Road  
Woodbury, New York 11797  
(516) 692-8888  
(516) 692-8889 (FAX)

|   |  |  |  |  |  |                              |  |
|---|--|--|--|--|--|------------------------------|--|
| Form PTO-1449   |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |  | ATTY. DOCKET NO.<br><br>8021-185 (SS-19160-US) |  | SERIAL NO.<br><br>10/735,947 |  |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(See several sheets if necessary) |  |  |  | APPLICANT<br><br>Sung-Ho Choi                  |  |                              |  |
|   |  |  |  | FILING DATE<br><br>December 15, 2003           |  | GROUP ART UNIT<br><br>2824   |  |
|   |  |  |  |  |  |                              |  |

OIPE  
MAR 18 2005  
PATENT & TRADEMARK OFFICE

| U.S. PATENT DOCUMENTS |                    |      |      |       |          |                               |  |
|-----------------------|--------------------|------|------|-------|----------|-------------------------------|--|
| EXAMINER<br>INITIAL   | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |  |
|                       |                    |      |      |       |          |                               |  |
|                       |                    |      |      |       |          |                               |  |
|                       |                    |      |      |       |          |                               |  |
|                       |                    |      |      |       |          |                               |  |
|                       |                    |      |      |       |          |                               |  |

| FOREIGN PATENT DOCUMENTS |  |                       |                |         |       |          |                         |    |
|--------------------------|--|-----------------------|----------------|---------|-------|----------|-------------------------|----|
|                          |  | PUBLICATION<br>NUMBER | DATE           | COUNTRY | CLASS | SUBCLASS | ABSTRACT<br>TRANSLATION |    |
|                          |  |                       |                |         |       |          | YES                     | NO |
|                          |  | 11-250695             | Sept. 17, 1999 | Japan   | G11C  | 29/00    | X                       |    |
|                          |  | 2002-042488           | Feb. 8, 2002   | Japan   | G11C  | 29/00    | X                       |    |

| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])